

Laboratory V-Mixer VENUS Series

FTLMV / 01 / 02 / 04 / 08

The VENUS V-shaped laboratory mixers are used in the precision homogenization of powdered or granulated products in the pharmaceutical, chemical and food industries. It can gently and evenly mix solids with solids, in any percentage, or solids with liquids (maximum 10%).

It has two loading inlets with silicon lids and one outlet with a dosing valve. The product introduced revolves through 360° via mechanical transmission. Its characteristic V-shape means axial currents are produced when the body is turned, and these separate and unite the material. This, along with the radial mixing action, produces an extremely homogeneous result (in the proportion of 1 part in 10.000) without the need for paddles or other devices.

The mix containers are manufactured from AISI-316 stainless steel with a polished mirror finish inside and outside. Its angle and corner-free design prevents the accumulation of product residue in the interior.

The mixer works with a single-phase motor and has a timer, stop/start switch and fuse box.

The useful capacity, in order to achieve the correct homogenization, is 50% of the total mixer volume. The FILTRA V mixers are available in 0'5, 1, 2, 4 and 8 litres (total capacity).

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Examples of application:

Food powder, chemicals and pharmaceuticals, metals, plastics, additives, etc.



ADVANTAGES:

- Precision mixing. Maximum product homogenization.
- High quality materials and finishes.
- Free of interior angles or corners; there is no build up of product residue.
- Silent.
- Maintenance free



MODEL	Timer		Tension	Mixer Power (Kw)	Weight (kg)	Useful Volume (l)	Nº de vueltas deposito x min. (rpm)	Dimensions L x W x H (mm)
FTLMV-01	Mechanical	60 min.	220-240 V 50-60 Hz	0,1	17	0,5	38	415 x 400 x 415
FTLMV-02	Mechanical	60 min.	220-240 V 50-60 Hz	0,1	17	1	38	415 x 400 x 430
FTLMV-04	Mechanical	60 min.	220-240 V 50-60 Hz	0,1	20	2	25	550 x 400 x 550
FTLMV-08	Mechanical	60 min.	220-240 V 50-60 Hz	0,25	25	4	18	700 x 450 x 650